

Product datasheet for **TA321583**

HMGA2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:1000-5000, WB: 1:500-2000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 59-72 amino acids of Human high mobility group AT-hook 2
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	12 kDa
Gene Name:	high mobility group AT-hook 2
Database Link:	NP_003474 Entrez Gene 15364 Mouse Entrez Gene 84017 Rat Entrez Gene 8091 Human P52926

Background: This gene encodes a protein that belongs to the non-histone chromosomal high mobility group (HMG) protein family. HMG proteins function as architectural factors and are essential components of the enhancosome. This protein contains structural DNA-binding domains and may act as a transcriptional regulating factor. Identification of the deletion; amplification; and rearrangement of this gene that are associated with myxoid liposarcoma suggests a role in adipogenesis and mesenchymal differentiation. A gene knock out study of the mouse counterpart demonstrated that this gene is involved in diet-induced obesity. Alternate transcriptional splice variants; encoding different isoforms; have been characterized

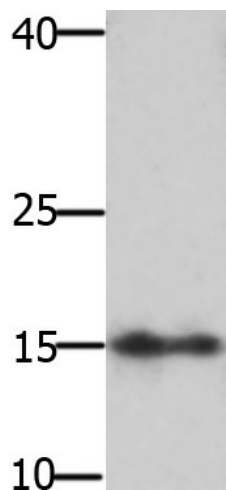


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Synonyms: BABL; HMGI-C; HMGIC; LIPO; STQTL9

Protein Families: Druggable Genome

Product images:



Western blot analysis of Human gliomas tissue using TA321583 (HMGA2 Antibody) at dilution 1/150